

02323100.TXT  
SEQUENCE LISTING

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HENNEGAN, KEVIN  
HUANG, NING  
<120> METHODS OF EXPRESSING HETEROLOGOUS PROTEIN IN PLANT  
SEEDS USING MONOCOT NON SEED-STORAGE PROTEIN PROMOTERS

<130> 023231-00033

<140> 10/584,225  
<141> 2007-07-13

<150> PCT/US03/39107  
<151> 2003-12-23

<160> 10

<170> PatentIn Ver. 3.3

<210> 1  
<211> 30  
<212> DNA  
<213> Artificial sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
primer

<400> 1  
ggatatattg taccagccgc caacttctga 30

<210> 2  
<211> 33  
<212> DNA  
<213> Artificial sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
primer

<400> 2  
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<210> 3  
<211> 393  
<212> DNA  
<213> Artificial sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
polynucleotide

<400> 3  
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cgcgcaacca actacaacgc cggcgaccgc tccaccgact acggcatctt ccagatcaac 180  
tccccctact ggtgcaacga cggcaagacg cccggggccg tcaacgcctg ccacctctcc 240  
tgctcggccc tgctgcaaga caacatcgcc gacgcccgtcg cgtgcgcgaa ggcgcgtc 300  
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<210> 4  
 <211> 714  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic polynucleotide

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 caaagtttgc attctccact gacataatgc aaaataagat atcatcgatg acatagcaac 180  
 tcatgcatca tatcatgcct ctctcaaccc attcattcct actcatctac ataagtatct 240  
 tcagctaaat gttagaacat aaaccataa gtcacgttg atgagtatta ggcgtgacac 300  
 atgacaaaatc acagactcaa gcaagataaa gcaaaatgtat gtgtacataa aactccagag 360  
 ctatatgtca tattgcaaaa agaggagagc ttataagaca aggcatgact cacaaaaatt 420  
 cacttgcctt tcgtgtcaaa aagaggaggg ctttacatc tccatgtcat attgcaaaag 480  
 aaagagagaa agaacaacac aatgctgcgtt caattatac tatctgtatg tccatcatta 540  
 ttcatccacc ttcgtgtac cacatccat atatcataag agtcaacttca cgtctggaca 600  
 ttaacaaact ctatcttaac atttagatgc aagagcctt atctcaactt aatgcacga 660  
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<210> 5  
 <211> 72  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic polynucleotide

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 ggctcccttag cc 72

<210> 6  
 <211> 919  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic polynucleotide

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 tacgcttcca gtaacctccg tctcgcatgta gtagaaagaga atagcagata agtatcaaca 120  
 catagcataa cccacctggc gatcctctcc ttgtcaccct gtgagagagc gaacaccggg 180  
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 gaactaagta gcaacatgtt aggagtcaat ttgcgatata ccacacaaca ccaattttcc 360  
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 tatctcaaca tcacatgatt ctaaatacaa aacagaaaaac cacggctaga agaggacgac 540  
 atctagaggc attgcttttc atgtactaat accttgcattt acacattctc taacaaatttgc 600  
 gtttggatcc ttcttcaaca atttccacac actacaaggc cagttccatcaa aagcttaaag 660  
 cgtgagcatt ggtacaaaac tagttgtggt ctatcttgataaaaggaaac acttagtaca 720

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cgaaaacgtca cctgtctcaa caacttgcac catttctgtt ggctcgcaa gtaactttat 780  
ttagtataacc aacttaatt gtgagcatta gccaaagcaa cacacaatgg taggcaaaaa 840  
ccatgtcaact aagcaataaa taaaggggag cctcaaccca tctattcatc tccaccacca 900  
ccaaaacaac attgaaaaac 919

<210> 7  
<211> 87  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial sequence: Synthetic  
polynucleotide

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tactcagaag ctggcggctg gtacaat 87

<210> 8  
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<212> PRT  
<213> Homo sapiens

<400> 8  
Lys Val Phe Glu Arg Cys Glu Leu Ala Arg Thr  
1 5 10

<210> 9  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial sequence: Synthetic  
peptide

<400> 9  
Lys Val Phe Glu Arg Glu Leu Ala Arg Thr  
1 5 10

<210> 10  
<211> 130  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial sequence: Synthetic  
polypeptide

<400> 10  
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1 5 10 15

Met Asp Gly Tyr Arg Gly Ile Ser Leu Ala Asn Trp Met Cys Leu Ala  
20 25 30

Lys Trp Glu Ser Gly Tyr Asn Thr Arg Ala Thr Asn Tyr Asn Ala Gly  
35 40 45

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Asp Arg Ser Thr Asp Tyr Gly Ile Phe Gln Ile Asn Ser Arg Tyr Trp  
50 55 60

Cys Asn Asp Gly Lys Thr Pro Gly Ala Val Asn Ala Cys His Leu Ser  
65 70 75 80

Cys Ser Ala Leu Leu Gln Asp Asn Ile Ala Asp Ala Val Ala Cys Ala  
85 90 95

Lys Arg Val Val Arg Asp Pro Gln Gly Ile Arg Ala Trp Val Ala Trp  
100 105 110

Arg Asn Arg Cys Gln Asn Arg Asp Val Arg Gln Tyr Val Gln Gly Cys  
115 120 125

Gly Val  
130